

MAIL STOP PCT
Attorney Docket No. 27707U

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

KOBAYASHI et al.

Serial No.: Not Yet Assigned

Filed: September 28, 2006

Internatl. Application No.: PCT/JP2004/004699

Internatl. Filing Date: March 31, 2004 (31.03.2004)

Title: **REVERSIBLY IMMORTALIZED MAMMALIAN LIVER CELLS AND USE
THEREOF**

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

An Information Disclosure Statement is submitted herewith pursuant to 37 C.F.R. 1.97-1.98. Please note the following particulars: [NOTE: One only of items a, b, c, and d must be checked.]

- [XXX] a. The enclosed statement is being filed within three months of the filing date of a national application, or within three months of the date of entry into the national stage as set forth in 37 C.F.R. 1.491 in an international application, or before the mailing date of a first Office Action on the merits, whichever event occurs last.
- [] b. The enclosed statement is being filed after a first action on the merits but before the mailing date of a final action under 37 C.F.R. 1.113, or a notice of allowance under 37 C.F.R. 1.311.
The enclosed statement is accompanied by [check one]:
[] i. a certification in part (e) below as specified in 37 C.F.R. 1.97(e), or
[] ii. a check in the amount required by 37 C.F.R. 1.17(p).
- [] c. The enclosed statement is being filed after the mailing date of a final action under 37 C.F.R. 1.113, or a notice of allowance under 37 C.F.R. 1.311, but before payment of the issue fee.
[] Certification report(e) below; and
[] a check in the amount as required by 1.17(p).

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[] d. The enclosed statement is being filed pursuant to 37 C.F.R. 1.97(i), for placement in the file.

[] e. Certification [Check one] [Certification is required only if box (b)(i) or box (c) is checked.]

[] I hereby certify that each item of information contained in the enclosed Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement,

or

[] I hereby certify that no item of information in the enclosed Information Disclosure Statement herewith was cited in a communication from a foreign patent office in a counterpart foreign application, or, to my knowledge after making reasonable inquiry, was known to any individual designated in 37 C.F.R. 1.56(c) more than three months prior to the filing of this Information Disclosure Statement.

or

[] Appropriate certification is attached.

[~~xxx~~] f. If no check is enclosed and a fee is due in connection with this communication or if the check enclosed is insufficient, the Commissioner is authorized to charge any fee or additional fee due in connection with this communication to Deposit Account No. 14-0112.

[~~xxx~~] g. Copies of the documents are attached herewith with a completed Form PTO-1449.

or

[] Copies of the documents are not attached as allowed under CFR 1.98(d)(1)(2). The earlier application is identified as:

and / or

[] Copies of US Patents/Publications not attached as allowed in Official Gazette Aug. 5, 2003/ Vol. 1273, no. 1.

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The Examiner is respectfully requested to cite the documents listed on the attached Form PTO-1449 in the next Office Action. In so doing, the Examiner is respectfully requested to initial in the space adjacent to the listing of each document on the Form PTO-1449, and return a copy of the initialed Form PTO-1449 with the next communication to Applicants, to confirm that these documents have been considered by the Examiner and made of record in this application.

If the Examiner has any questions or wishes to discuss this application, kindly telephone the undersigned at the below-listed number.

Respectfully submitted,
NATH & ASSOCIATES PLLC

Date: September 28, 2006

By 

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| FORM PTO-1449 INFORMATION DISCLOSURE CITATION | Attorney Docket: 27707U | Serial Number: Not Yet Assigned |
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| | | International Filing Date: March 31, 2004 (31.03.2004) |

U.S. PATENT DOCUMENTS

| Examiner Initial | Document Number | Issue/Pub Date | Name | Class | Sub-Class | Filing Date |
|------------------|-----------------|----------------|------|-------|-----------|-------------|
| A1 | | | | | | |
| A2 | | | | | | |
| A3 | | | | | | |
| A4 | | | | | | |

FOREIGN PATENT DOCUMENTS

| Document Number | Date | Country | Class | Sub-Class | Translation |
|-----------------|------|---------|-------|-----------|-------------|
| A5 | | | | | |
| A6 | | | | | |
| A7 | | | | | |
| A8 | | | | | |
| A9 | | | | | |
| A10 | | | | | |
| A11 | | | | | |

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

| | |
|-----|--|
| A12 | Kobayashi, N., et al., "Prevention Of Acute Liver Failure In Rats With Reversibly Immortalized Human Hepatocytes", <u>SCIENCE</u> , Vol. 287, pages 1258-1262, (18 February 2000). |
| A13 | Kobayashi, N., et al., "Establishment Of A Tightly Regulated Human Cell Line For The Development Of Hepatocyte Transplantation", <u>HUMAN CELL</u> , Vol. 13, No.1, pages 7-13, (March 2000). |
| A14 | Kobayashi, N., et al, "Kanzo To Saisei Iryo", <u>SAISEI IRYO</u> , Vol. 1, No. 2, pages 23-28, (November 2002). |
| A15 | Kobayashi, N., et al., "Kansaibo Ishoku ni Muketa Fushika Hito Kansaibokabu no Juritsu", <u>CELL TECHNOLOGY</u> , Vol. 19, No.6, pages 864-868, (June 2000). |
| A16 | Westerman , K., et al., "Reversible Immortalization Of Mammalian Cells Mediated By Retroviral Transfer And Site-Specific Recombination", <u>Proc. Natl Acad, Sci USA</u> , Vol 93, No. 17, pages 8971-8976, (August 1996). |

Examiner

Date Considered

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP ' 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.